

IN THE CLAIMS:

1. – 3. (Cancelled).

4. – 5. (Cancelled).

6. (Currently Amended) A method for determining relative amounts of simple soluble dietary antioxidants versus complex tannins in an aqueous liquid sample at room temperature comprising the steps of:

providing an aqueous liquid sample containing dietary material or a biological fluid to be tested;

contacting the sample with an aqueous solution of elemental iodine and polyvinylpyrrolidone at room temperature to form a mixture;

measuring a concentration of iodide ions at room temperature in the mixture at a plurality of time points over a time period after the contacting step by means of an iodide selective electrode; and

measuring a ~~first~~ slope of increase of the iodine ions over a time period from a first time point of about one minute from the contacting step [,] to a later time point, wherein a shallow slope is indicative of simple soluble dietary antioxidants and a steep slope is indicative of complex tannins in said sample

16 ~~measuring a second slope of increase of the iodine ions over a time~~
17 ~~period from one minute from the contacting step to at least about~~
18 ~~five minutes from the contacting step; and~~
19 ~~comparing the first slope with the second slope whereby the first slope~~
20 ~~is representative of simple soluble antioxidants and the second~~
21 ~~slope is representative of complex tannins.~~

1 7. (Previously Presented) The method according to Claim 6,
2 wherein said liquid sample is a dietary material.

1 8. (Previously Presented) The method according to Claim 6,
2 wherein said liquid sample is a biological fluid.

1 9. (Previously Presented) The method according to Claim 8,
2 wherein the biological fluid is urine.

1 10. (New) The method according to Claim 6, wherein the later time
2 point ranges from about 5 minutes to about 30 minutes.

1 11. (New) The method according to Claim 6, wherein the
2 concentration of iodide ions at the first time point is indicative of simple soluble
3 dietary antioxidants.